4451
1942
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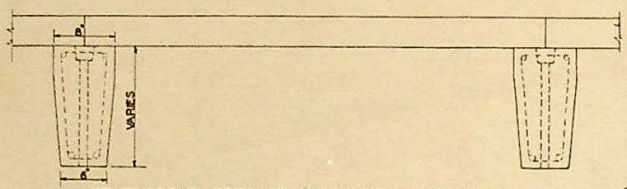
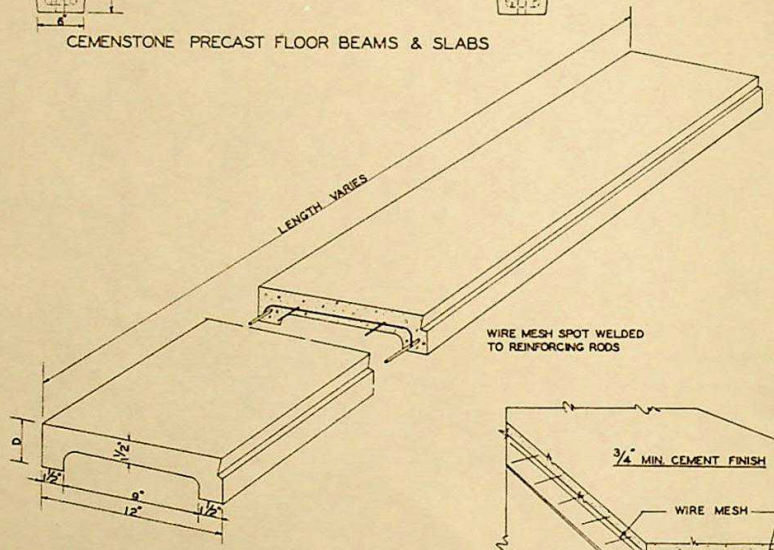
52-602



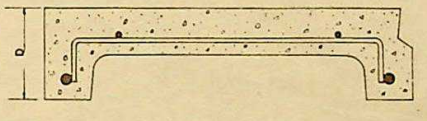
CEMENSTONE PRECAST FLOOR BEAMS & SLABS



CEMENSTONE FLOOR SLAB

CEMENSTONE FLOOR SLABS

SCIENTIFICALLY CONTROLLED CONCRETE.
MANUFACTURED WITH SAND & GRAVEL AGGREGATE.
SPEEDS CONSTRUCTION.
ELIMINATES COSTLY FORM WORK.
CHANNEL SHAPED TO ELIMINATE ALL SURPLUS DEAD WEIGHT.
EASILY ERECTED REGARDLESS OF WEATHER CONDITIONS.
IMMEDIATE USE OF FLOOR FOR OTHER BUILDING OPERATIONS.
NO DIRT.
APPROVED BY THE CITY OF PITTSBURGH, PENNA.



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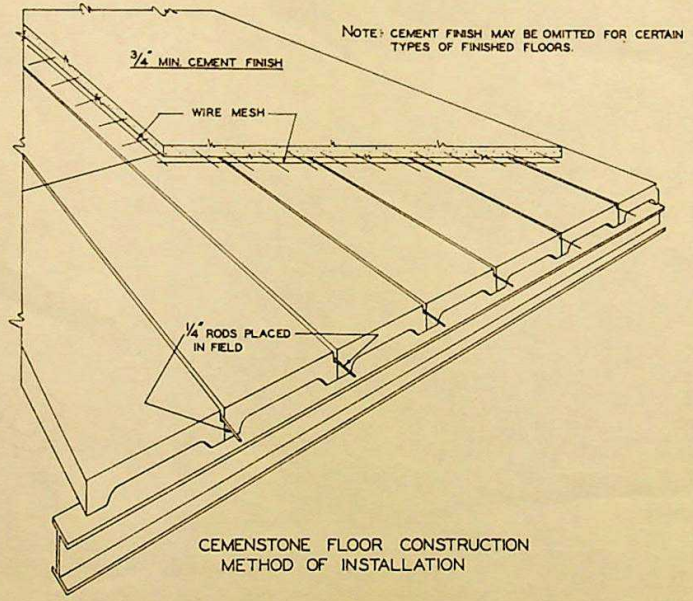
NOTE: CEMENT FINISH MAY BE OMITTED FOR CERTAIN TYPES OF FINISHED FLOORS.
¾" MIN. CEMENT FINISH
WIRE MESH
¼" RODS PLACED IN FIELD

CEMENSTONE FLOOR CONSTRUCTION
METHOD OF INSTALLATION

D IN.	SQ FT. WT. LB	RESIST. MOMENT IN. LB	MAX. SHEAR	REINF. STEEL	SAFE SUPERIMPOSED LOAD LB./SQ. FT. SPAN 4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"
3	22	3910	465	¼" ↓	140	82	50				
3	22	8000	548	⅜" ↓	252	191	126	87	61		
3	22	10040	513	½" ↓			148	114	83		
4	25	5820	692	¼" ↓	218	130	83				
4	25	12130	832	⅜" ↓	391	299	200	140	102	75	
4	25	21000	769	½" ↓			238	200	172	148	115

Note.
DESIGN BASED ON AMERICAN CONCRETE INSTITUTE BUILDING REGULATIONS FOR REINFORCED CONCRETE 1928 & 1936 WITH 3000 LB. CONCRETE AND INTERMEDIATE GRADE STEEL

PRECAST REINFORCED CONCRETE FLOOR SLABS

THE CEMENSTONE COMPANY
PITTSBURGH PENNA.

PATENTS PENDING JAN. 12 1942 DRAWING NO. A-130